

Appendix Table 3-14
Employed S&E highest degree holders, by sex, race, ethnicity, field of highest degree, and broad occupational category: 2013

(Percent)

Sex, race, ethnicity, and field of highest degree	S&E occupations			S&E-related occupations	Non-S&E occupations
	All S&E	In field	Out of field		
All employed S&E highest degree holders	34.9	26.7	8.2	14.1	51.0
Female					
All S&E fields	24.3	19.2	5.1	15.2	60.5
Computer and mathematical sciences	40.7	38.7	2.0	17.0	42.3
Biological, agricultural, and environmental life sciences	28.8	22.7	6.0	32.3	39.0
Physical and related sciences	42.7	25.7	17.0	17.9	39.4
Social and related sciences	12.0	9.1	2.9	8.6	79.4
Engineering	57.1	41.0	16.1	15.2	27.7
Male					
All S&E fields	41.6	31.4	10.2	13.5	44.9
Computer and mathematical sciences	59.8	56.1	3.6	14.6	25.6
Biological, agricultural, and environmental life sciences	32.9	23.2	9.6	17.7	49.4
Physical and related sciences	51.8	31.1	20.7	17.0	31.3
Social and related sciences	12.8	6.6	6.2	7.1	80.2
Engineering	56.6	40.7	15.9	15.9	27.5
Asian					
All S&E fields	50.4	35.9	14.6	16.4	33.1
Computer and mathematical sciences	64.1	61.7	2.4	14.6	21.3
Biological, agricultural, and environmental life sciences	41.2	33.3	7.9	30.7	28.1
Physical and related sciences	51.7	28.8	22.0	14.4	33.9
Social and related sciences	12.6	7.5	5.1	5.5	81.9
Engineering	62.1	32.0	29.9	18.1	19.8
American Indian or Alaska Native					
All S&E fields	23.5	17.6	5.9	23.5	52.9
Computer and mathematical sciences	S	S	S	S	S
Biological, agricultural, and environmental life sciences	20.0	20.0	S	60.0	40.0
Physical and related sciences	S	S	S	S	S



	S&E occupations				
Sex, race, ethnicity, and field of highest degree	All S&E	In field	Out of field	S&E-related occupations	Non-S&E occupations
Social and related sciences	18.8	18.8	S	S	68.8
Engineering	16.7	16.7	S	50.0	S
Black					
All S&E fields	26.5	21.4	5.2	13.1	60.4
Computer and mathematical sciences	51.2	47.5	3.7	13.6	35.2
Biological, agricultural, and environmental life sciences	20.5	15.9	5.7	33.0	45.5
Physical and related sciences	52.9	41.2	11.8	11.8	35.3
Social and related sciences	9.0	5.3	3.7	7.6	83.4
Engineering	48.5	36.9	11.7	14.6	36.9
Hispanic, any race					
All S&E fields	27.3	21.3	6.0	14.1	58.5
Computer and mathematical sciences	46.5	43.4	3.9	10.9	42.6
Biological, agricultural, and environmental life sciences	23.6	19.3	4.3	27.1	49.3
Physical and related sciences	42.1	28.9	13.2	23.7	34.2
Social and related sciences	11.0	7.5	3.4	10.3	79.0
Engineering	47.1	35.3	11.8	14.3	39.1
White					
All S&E fields	33.6	26.1	7.5	13.7	52.6
Computer and mathematical sciences	52.2	48.8	3.3	15.9	31.9
Biological, agricultural, and environmental life sciences	30.9	22.5	8.5	22.6	46.5
Physical and related sciences	48.9	29.5	19.4	17.9	33.4
Social and related sciences	12.8	8.3	4.4	8.0	79.3
Engineering	56.6	44.3	12.3	15.1	28.2
Native Hawaiian or Other Pacific Islander					
All S&E fields	20.9	14.0	7.0	7.0	72.1
Computer and mathematical sciences	S	S	S	S	33.3
Biological, agricultural, and environmental life sciences	S	S	S	S	S
Physical and related sciences	S	S	S	S	S
Social and related sciences	S	4.3	S	S	91.3
Engineering	71.4	57.1	S	S	S



Sex, race, ethnicity, and field of highest degree	S&E occupations			S&E-related occupations	Non-S&E occupations
	All S&E	In field	Out of field		
More than one race					
All S&E fields	30.2	21.6	8.5	17.1	52.8
Computer and mathematical sciences	46.4	42.9	S	25.0	28.6
Biological, agricultural, and environmental life sciences	25.0	17.9	7.1	35.7	39.3
Physical and related sciences	60.0	30.0	30.0	20.0	20.0
Social and related sciences	13.4	9.3	4.1	7.2	79.4
Engineering	61.1	41.7	19.4	22.2	16.7

NOTES:

S = suppressed for reasons of confidentiality and/or reliability.

Detail may not add to total because of rounding. Percentages are based on rounded numbers. Hispanic may be any race. American Indian or Alaska Native, Asian, black or African American, Native Hawaiian or Other Pacific Islander, white, and more than one race refer to individuals who are not of Hispanic origin. For each broad S&E highest degree field, S&E occupations in field includes individuals who report being in an occupation in the same broad category as their highest degree, and S&E occupations out of field includes those who report being in an occupation not in the same broad category as their highest degree. For example, for highest degree holders in computer and mathematical sciences, S&E occupations in field includes those who report computer and mathematical sciences as their occupation, and S&E occupations out of field includes those who report an S&E occupation other than computer and mathematical sciences occupations, that is, who report biological, agricultural, and environmental life sciences, physical sciences, social sciences, or engineering as their occupation.

SOURCE:

National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2013), <http://sestat.nsf.gov/>.

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